

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	26	("20020153993"   "4054861"   "4061988"   "4156820"   "4203093"   "4359719"   "4489303"   "4673827"   "4728928"   "4791257"   "4829248"   "5029304"   "5045920"   "5192877"   "5670886"   "5790046"   "5861796"   "6097272"   "6494409"   "6566619"   "6777928"   "6867582"   "6867680"   "6940275"   "7009386"   "7088096").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/12 15:54
S2	1	("20080048681").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 16:00
S3	4	(( "5157340" ) or ( "20010035044" ) or ( "4656832" ) or ( "3758851" )).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 16:07
S4	32	soot.ab. and "324"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/12 16:10
S5	11	( "3913012"   "4477771"   "4825651"   "4979364"   "5074112"   "5157340"   "5177444"   "5195317"   "5279146"   "5423180"   "5497099" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 16:12
S7	31	soot.ab. same capacit\$4	US-PGPUB; USPAT	OR	ON	2009/06/12 16:13
S6	423	soot.ab. and capacit\$4	US-PGPUB; USPAT	OR	ON	2009/06/12 16:13
S8	11	( "3913012"   "4477771"   "4825651"   "4979364"   "5074112"   "5157340"   "5177444"   "5195317"   "5279146"   "5423180"   "5497099" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 16:17

S10	38	("3104354"   "3277366"   "3526834"   "3758851"   "4042879"   "4077003"   "4135131"   "4477771"   "4503384"   "4507602"   "4580441"   "4710757"   "4764718"   "4943778"   "4947129"   "5157340"   "5177444"   "5223782"   "5369369").PN. OR ("5497099").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 16:18
S9	16	("5497099").URPN.	USPAT	OR	OFF	2009/06/12 16:18
S11	38	("3104354"   "3277366"   "3526834"   "3758851"   "4042879"   "4077003"   "4135131"   "4477771"   "4503384"   "4507602"   "4580441"   "4710757"   "4764718"   "4943778"   "4947129"   "5157340"   "5177444"   "5223782"   "5369369").PN. OR ("5497099").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 16:19
S12	13	S11 and capacitance	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 16:21
S13	140	(soot near2 (sensor detect\$3)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 16:43
S14	5	S13 same capacit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 16:44
S15	5	"9305388"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 16:47
S17	4	(soot near2 (sensor detect\$3) same capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 16:50
S16	1	(soot near2 (sensor detect\$3) and capacitor). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 16:50

S18	19	((particle near2 detect\$4) same filter same capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 16:51
S19	1	("4656832").PN.	USPAT; USOCR	OR	OFF	2009/06/12 16:55
S20	7	(soot near2 (sensor detect\$3) same field)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 16:57
S21	4	(soot near2 (sensor detect\$3) same coil)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 16:59
S23	9	S22 and (particle near2 (detect\$4 sens\$3)) same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 17:01
S22	5956	324/658-690.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 17:01
S24	10	S22 and (filter) same particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/12 17:02
S26	1	field near2 soot near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:14
S25	1	capacit\$5 near2 soot near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:14
S28	236	soot near2 sens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:17
S27	444	324/71.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:17
S29	279	324/698.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:18
S33	1	S32 and soot near2 sens \$4 same capacit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:19

S32	3234	S30 S31	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:19
S31	2121	60/286.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:19
S30	1924	60/295.cols.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:19
S34	6677	antenna same RF same coil	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:45
S36	32	S34 and detect\$4 near2 particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:46
S35	6677	S34 and\ detect\$4 near2 particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:46
S37	9	coil with inside same (detect\$4 sens\$3) near2 particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/12 17:49
S39	2	(soot near2 filter) same regenerat\$4 same automatic\$4 same level	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 12:09
S38	29	(soot near2 filter) same regenerat\$4 same automatic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 12:09
S40	13	("3744044"   "4439734"   "4837511"   "4926120"   "5315243").PN. OR ("5811664").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/13 12:55
S42	17	coil with (detect\$4 sens \$3) near2 particle same series	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:22
S41	13	coil with (detect\$4 sens \$3) near2 particle same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:22

S45	20	two with coil with (detect \$4 sens\$3) near2 particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:24
S44	212	coils with (detect\$4 sens \$3) near2 particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:24
S43	212	coil with (detect\$4 sens \$3) near2 particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:24
S46	2	inside with coil with (detect\$4 sens\$3) near2 particle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:30
S47	20	coil with (detect\$4 sens \$3) near2 particle same pipe	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:32
S48	2	coil with (detect\$4 sens \$3) near2 particle same mutual near2 induct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 13:50
L5	15	(capacit\$5 near2 sensor) same particle same pipe	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 14:08
L6	24	("3526828"   "3679973"   "4117715"   "4249131"   "4288749"   "4556849"   "4685569"   "4837440"   "4910463"   "4973909").PN. OR ("5214386").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/13 14:12
L7	15	("3580092"   "3636763"   "3906780"   "3958458"   "4261196"   "4297872"   "4373401"   "4598593"   "4607254"   "4663977"   "5012449"   "5148405"   "5218871"   "5228347"   "5357811").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/13 14:13
L8	24	(capacit\$5 near2 sensor) same particle near detect \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 14:15
L10	19	(capacit\$5 near2 sensor) same particle same flow and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 14:16

L9	79	(capacit\$5 near2 sensor) same particle same flow	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 14:16
L11	16	(capacit\$5 near2 detect \$5) same particle same pipe	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/13 14:18

6/13/2009 2:51:23 PM

C:\ Documents and Settings\jzhu1\ My Documents\ EAST\ Workspaces\ 10589231SootSensor.wsp